

Physical Science Support Document

Exothermic Exercise: Activity

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Purpose

To demonstrate that an exothermic reaction produces heat.

Materials

- Small plastic cup
- Small scoop of dry yeast
- 20 ml of 3% Hydrogen Peroxide (OTC)
- Disposable stir stick
- Thermometer (optional)

Procedure

1. Scoop the dry yeast into the plastic cup.
2. Pour the hydrogen peroxide in and gently stir with the stir stick.
3. Record all observations and note for the indicators of a chemical change.

Questions to Guide Analysis

1. What is an exothermic reaction?
2. What indicates that this activity was exothermic?